

HF Happenings 780

Volume 15, Issue 43, the week of 15 January 2018



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January 2018

1 – New Year's Day; start of the 2018 CQ DX Marathon and the ARRL International Grid Chase
6 – Pretoria ARC Flea Market
13 and 14 – Hunting Lions in the Air
17 – Provincial school open
19 to 21 – PEARS National VHF/UHF Contest
20 - SDR Workshop at the NARC
20 and 21 – IPA Classic Car and Bike Show, Cape Town
20 to 28 – ZS6SRC: 30 years in Amateur radio
25 – Closing date for the February Radio ZS
27 - Summer QRP contest; Cape Town ARC meeting; International Day of Commemoration in Memory of the Victims of the Holocaust
30 - Closing date for proposals and synopsis for AMSAT SA Space Symposium papers
31 - Closing date for Nominations for Council, SARL Awards and AGM Motions

The Summer QRP Contest

The QRP contest is intended to be a fun activity to promote QRP operation between radio amateurs using homebuilt equipment or operating as a portable/field station and using temporary antennas. This is encouraged, but is not a requirement.

The Summer QRP Contest takes place from 12:00 to 15:00 UTC on Saturday 27 January 2018 using Phone and CW with 5 watts (PEP) output or less and there are no antenna restrictions. The first hour is limited to the 40-m band only, the remaining two hours the contestants are free to use any HF (non-WARC) band as they see fit.

The exchange is a RS or RST report and your 6 figure Grid locator, you can also include your SOTA or Fauna and Flora reference number. Each QSO counts 1 point and there are Prefix or Country multipliers as well as station type multipliers. You log in ADIF, Cabrillo or MS Excel format with a summary sheet and labelled "my call sign QRP Contest," must be submitted by 3 February 2018 by e-mail to contest@sarl.org.za. And do not forget the photos of your station in action that must accompany the log entry. Consult the 2018 SARL Blue Book for the complete set of rules.

Operating as a Team

Consider trying something new in 2018. For example, operating with others as a team. By choosing the right contest, you can remain solitary and stoic in your shack and do not even have to enter in the multi-operator category.

- You encourage you Club members to participate in a contest. Each member operates from his/her QTH and submits their log sheets, marking them as members of the ZYX ARC. And in the Club Competition your Club achieves the highest score!
- In a multi-band contest, arrange with other Club members to work on the different single bands. Each member operates from their own QTH, after the contest the Club organiser collects the various log sheets and draws up the Club entry for submission.
- There's also the traditional multi-operator category, where several operators gather at one location to jointly operate. In that context it's easier to share tips and techniques and to notice small things that others do while operating that might improve your score.

WRTC 2018

The WRTC 2018 organization has published a summary report on the activities during 2017 in preparation for the 2018 event. The document would likely be helpful to future WRTC planning committees and to

everyone provides an overview of the extensive planning and coordination that go into an event of this magnitude http://wrtc2018.de/images/PDF/xmas2017_english.pdf.

Glossary of Contesting Terms

Pat, N9RV, maintains the Glossary of Contesting Terms included with Contest University course materials each year. What new terms will make it into the Glossary this year? www.contestuniversity.com/wp-content/uploads/2018/01/Glossary2017rev1.pdf.

Word to the Wise

Prefill - From the 2017 Contest University Glossary of Contesting Terms. "Prefill refers to the features of some software packages which automatically fill in exchange information based upon information obtained either before or during the contest. Prefill software might enter "Pat" in the name field for the NA Sprint, for example, if you work N9RV, either based upon previous contests, or based on working N9RV on a different band in the current contest. If the prefill information is different from what the station actually changes, of course, it is up to the operator to manually correct it." (used with the permission of ContestUniversity.com <https://www.contestuniversity.com/>)

The QSOToday podcast with W7EL

Roy Wallen, W7EL, EZNEC antenna modelling software creator and prolific author, was interviewed on the QSOToday podcast by Eric, 4Z1UG, back in April www.qsotoday.com/podcasts/w7el. Roy discusses antennas, antenna modelling and touches upon the difference between models and implementation, but also touches upon feedlines, losses and how Amateur Radio has changed. He also has some advice for new Amateur Radio operators.

Operating Tip

Avoid Exchange Ambiguity - Make sure the contest exchange that you are using is crisp and unequivocal.

Keystroke Latency

Larry, K8UT, read the item in the *Contest Update* earlier this year regarding keystroke latency and shared his observation: "The movement from serial to UDP communication (User Datagram Protocol) must have many amateurs wondering if there is some inherent benefit/detriment to either connection. I conducted a similar latency experiment earlier this year while developing a band decoder and SO2R switch that receives commands via UDP packets. I wanted to compare the elapsed time between clicking a mouse in the program and closing an external relay on a Raspberry Pi connected by DE9 serial ports, USB serial ports, or UDP packets. A lobotomized mouse exposed its left-click button to the test computer, which closed the button and then measured click-to-close times between software initiation and contact activation. Although hardly a controlled scientific experiment - there is a long list of hardware and software differences that could contribute errors in my findings - I was happy to discover that UDP activation occurred faster than either of the other two methods."

Ball Lightning

Ball lightning is thought to be a type of plasma, but is difficult to study since the conditions of formation are associated with lightning and thunderstorms. Researchers may have made progress in being able to reproduce the phenomenon in the form of a plasma ring that is stable in open air <http://www.caltech.edu/news/engineers-create-stable-plasma-ring-open-air-80367>. What is more, the researchers noted that their experiment also generated RF at particular frequencies.

A Pragmatic Introduction to Signal Processing

February

3 – Closing date for the Summer QRP logs; the East Rand Club's flea market
4 - AWA CW Activity Day; World Cancer Day
10 and 11 – National Field Day and the CQ WPX RTTY contest
11 – International Day for Women and Girls in Science
13 – World Radio Day
14 – Valentine's Day
15 – Closing date for PEARS VHF Logs
16 to 18 – KykNET Buite-expo, Western Cape, Môreson Farm, Malmesbury
17 - SARL Youth Sprint; Pretoria ARC rally communications at HMC
17 and 18 - ARRL DX CW Contest
19 - Closing date for Nation Field Day logs and AWA CW logs
21 – at 05:00 on 21 February 1917, the sinking of the SS Mendi
22 – closing date for the March Radio ZS
23 to 25 – Beeld Holiday Show, Gallagher Convention Centre
24 and 25 – Clarens Beer Festival
24 – closing date Youth logs; West Rand Flea market and CTARC meeting
25 – SARL Digital Contest

A Pragmatic Introduction to Signal Processing, by Tom O'Haver, Professor Emeritus, Department of Chemistry and Biochemistry, University of Maryland at College Park, is available for just a click <https://terpconnect.umd.edu/~toh/spectrum/>. The emphasis is on how real-world time-series information can be manipulated and examples are illustrated using various tools such as *MatLab*, *Octave* and Microsoft *Excel*. Professor O'Haver invites feedback through his website and Facebook group.

Build Your Own Integrated Circuits

Some people have built their own tubes, but how many have built their own integrated circuits? No, not using discrete components, but by laying out their own masks, using vapor deposition and etching their own wafers. Probably not many, but this 17-year old high school student does and he started by reconditioning old equipment he found on auction sites <https://spectrum.ieee.org/semiconductors/devices/the-high-school-student-whos-building-his-own-integrated-circuits>.

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award.

Malawi, 7Q. John, N6JW, is now (since 4 January) active as 7Q7JW. The length of his stay is not known at this time. Activity has been on 40 and 20 metres SSB. QSL via his home call sign.

Eritrea 2018 DXpedition News. Zorro, JH1AJT, and the E31A FGC Radio Team will commemorate the upcoming 14 to 23 January operation in a memory of Dave, K3LP/SK.

Added Notes: See the following URLs for special tributes in a memory of Dave, K3LP/SK:

By Tom, K8CX, <http://hamgallery.com/Tribute/K3LP>

By Paul, N6PSE, <https://n6pse.wordpress.com/2018/01/09/tribute-to-david-collingham-k3lp>

By Valerie, NV9L, www.youtube.com/watch?v=cHPqahBWE5Q

ARRL Web Page, www.arrl.org/news/dxpedition-leader-elite-contester-ham-radio-mentor-david-collingham-k3lp-sk

Great Interview by K3LP, www.youtube.com/watch?v=R3fjnh7dfD0

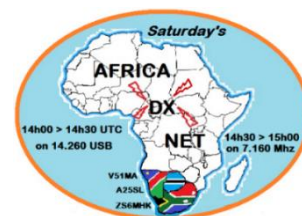
Benin, TY. Members of the F6KOP team, the Provins ARC, will be active from Bénin between 7 and 18 March and at this stage the call sign is still pending. There will be an international team of 12 operators lead by Jean-Luc, F1ULQ. The other operators mentioned are Damien, F4AZF (Co-leader), Jo, DJ3CQ, Arno, DL1CW, Andreas, DL3GA, Henri, F1HRE, Raymond, F5MFV, Xavier, F5NTZ, Philipp, OE7PGI and possibly two others. Frank, F4AJQ is the team's pilot station. Plans are to be active with 4 stations on the air, 160 to 10 metres using CW, SSB and the digital modes (RTTY, PSK and FT8). QSL via F5GSJ, direct, by the Bureau, LoTW or their OQRS. For more details and possible updates, see <https://ty2018dx.wordpress.com>

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



Mozambique, C9. Johannes, PA5X (C93PA) and Gerben, PG5M (<http://dx.to/>) will be active as C8X and C81G respectively from Ibo Island (AF-061) from 28 January to 5 February. They will operate CW, SSB and FT8 on 80 to 10 metres with two stations. QSL via Club Log's OQRS, or via home calls.

IOTA News

"The last date for mailing applications or updates to checkpoints for inclusion in the 2018 Honour Roll and other performance tables is 31 January 2018", G3KMA posted to <https://iota-world.org/>. "If postmarked after that date, they will be processed in the normal way, but the scores will be held over to the following year's listing. It is important that participants who have not updated since the 2013 annual listings and wish to remain listed should make a submission on or before 31 January 2018.

Of interest this year is that in addition to the 2017 IOTA Contest logs a much larger number of logs of IOTA operations on Club Log have recently been made available for QSO matching". It is possible to get IOTA credits through QSO matching for irregular log names.

To facilitate this, the log names are now listed on the accepted activations tab. In order to get a match for AA1AA/P on XX-yyy with the log name AA1AA/P_XX-yyy, the chaser must upload to Club Log a QSO with the callsign AA1AA/P_XX-yyy. Once the match is obtained, the system will automatically use the proper callsign in the subsequent credit application. For any questions contact info@iota-world.org

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 15 to 22 January 2018

4 States QRP Group Second Sunday Sprint

01:00 - 03:00 UTC 15 January

Geographic Focus: North America

Participation: Worldwide

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op

Exchange: Member: RS(T), state, province or country and member no; Non-member: RS(T), state, province or country and power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 17 January 2018

E-mail logs to: (none)

Post log summary at: <http://qrpccontest.com/4sqrp>

Mail logs to: (none)

Find rules at:

http://www.4sqrp.com/SSS/sss_rules.pdf

QRP Fox Hunt

02:00 - 03:30 UTC 17 January

Geographic Focus: United States

Participation: Worldwide

Mode: CW

Bands: 40 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 18 January 2018

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

Phone Fray

02:30 - 03:00 UTC 17 January

Geographic Focus: North America

Participation: Worldwide

Mode: SSB

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: NA: Name and state, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 03:00 UTC 19 January 2018

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 17 January and 03:00 - 04:00 UTC 18 January

Geographic Focus: Worldwide

Participation: Worldwide

Awards: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 20 January 2018

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.cwops.org/cwt.html>

NAQCC CW Sprint

01:30 - 03:30 UTC 18 January

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)
 Max power: 5 watts
 Exchange: RST, state, province or country and NAQCC no or power
 Work stations: Once per band
 QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
 Multipliers: Each state, province, or country once;
 Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other
 Score Calculation: Total score = total QSO points x total mults x key type mult
 Submit logs by: 23:59 UTC 21 January 2018
 E-mail logs to: naqcc33@windstream.net and jcoreyc@gmail.com
 Upload log at: http://naqcc.info/sprint_submit_log.html
 Mail logs to: (none)
 Find rules at: <http://naqcc.info/sprint/sprint201801.html>

NCCC RTTY Sprint
 01:45 - 02:15 UTC 19 January
 Geographic Focus: North America
 Participation: Worldwide
 Mode: RTTY
 Bands: (see rules)
 Classes: (none)
 Exchange: Serial no, name and QTH
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 21 January 2018
 E-mail logs to: (none)
 Post log summary at: <http://www.3830scores.com/>
 Mail logs to: (none)
 Find rules at: <http://www.ncccsprint.com/rttyns.html>

QRP Fox Hunt
 02:00 - 03:30 UTC 19 January
 Geographic Focus: United States
 Participation: Worldwide
 Mode: CW
 Bands: 80 m Only
 Classes: Single Op - fox or hound
 Max power: 5 watts
 Exchange: RST, state, province or country, name and power output
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 03:30 UTC 20 January 2018
 E-mail logs to: (see rules)
 Mail logs to: (none)
 Find rules at: http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint

02:30 - 03:00 UTC 19 January
 Geographic Focus: North America
 Participation: Worldwide
 Mode: CW
 Bands: (see rules)
 Classes: (none)
 Exchange: Serial no, name and QTH
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 21 January 2018
 E-mail logs to: (none)
 Post log summary at: <http://www.3830scores.com/>
 Mail logs to: (none)
 Find rules at: <http://www.ncccsprint.com/rules.html>

LZ Open Contest
 18:00 - 22:00 UTC 19 January
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW
 Bands: 80, 40 m
 Classes: Single Op - high, low or QRP; Multi-Op
 Max power: QRP: 5 W
 Exchange: 3-Digit serial no, and 3-Digit serial no received from last QSO
 Work stations: Once each 30 minutes
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 29 January 2018
 E-mail logs to: LZ1GL@yahoo.com
 Mail logs to: (none)
 Find rules at: <http://www.lzopen.com/lz-open-contest/rules/rulesF.htm>

Hungarian DX Contest
 12:00 UTC 20 January to 11:59 UTC 21 January
 Geographic Focus: Worldwide
 Participation: Worldwide
 Mode: CW, SSB
 Bands: 160, 80, 40, 20, 15, 10 m
 Classes: Single Op All Band - CW or SSB - low or high; Single Op All Band Mixed - QRP, low or high; Single Op Single Band - mixed, CW or SSB - low or high; Multi-Single - low or high; Multi-Multi; SWL
 Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
 Exchange: HA: RS(T) and 2-letter county or HA-DXC member no; non-HA: RS(T) and serial no
 Work stations: Once per band per mode
 QSO Points: 1 point per QSO with same country; 1 point per QSO with different country, same continent; 3 points per QSO with different continent; 6 points per QSO with HA station
 Multipliers: Hungarian counties, once per band; HA-DXC member numbers, once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 February 2018

E-mail logs to: hadx@mrasz.hu

Upload log at: <http://www.ha-dx.com/HADX/>

Mail logs to: (none)

Find rules at: http://www.ha-dx.com/HADX/html/rules_en.html

RSGB AFS Data Contest

14:00 – 18:00 UTC 20 January

Mode: RTTY, PSK

Bands: 80, 40 m

Classes: Single Op/Multi-Op – low, medium or high (see rules for team requirements)

Max power: HP: 400 watts (RTTY), 100 watts (PSK);

MP: 100 watts; LP: 10 watts

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23:59 UTC 21 January 2018

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://www.rsgbcc.org/hf/rules/2018/rafs.shtml>

North American SSB QSO Party

18:00 UTC 20 January to 05:59 UTC 21 January

Geographic Focus: North America

Participation: Worldwide

Awards: North America

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op – QRP or low; Multi-Two - low

Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours

Max power: LP: 100 watts; QRP: 5 watts

Exchange: NA: Name and state, DC, province or country; non-NA: Name

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state/DC (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 05:59 UTC 26 January 2018

E-mail logs to: (none)

Upload log at: <http://www.ncjweb.com/naqplogs-submit/>

Mail logs to: Bill Lippert, AC0W, 2013 6th Avenue SE, Austin, MN 55912-4321, USA

Find rules at: <http://www.ncjweb.com/NAQP-Rules.pdf>

WAB 1,8 MHz Phone

19:00 - 23:00 UTC 20 January

Mode: SSB

Bands: 160 m Only

Classes: Single Op - fixed, mobile, portable; Multi-Op - fixed, mobile, portable; Low Power; SWL - fixed, mobile, portable

Max power: non-Low: >10 watts; Low: 10 watts

Exchange: British Isles: RS, serial no and WAB square;

Other: RS, serial no and country

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 February 2018

E-mail logs to: aebbooks@ntlworld.com

Mail logs to: Tony Beardsley, G3XKT, 14 York Avenue, Sandiacre, Nottingham NG10 5HB, United Kingdom

Find rules at: <http://wab.intermip.net/Con-test%20Rules.php#OtherRules>

Feld Hell Sprint

20:00 - 23:59 UTC (EU - AF) and 23:00 UTC 20 January to 02:59 UTC 21 January (ENA - ESA) and 02:00 -

05:59 UTC 21 January (WNA – OC - AS)

Geographic Focus: Worldwide

Participation: Worldwide

Mode: Feld Hell

Bands: 160, 80, 40 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 25 January 2018

Upload log at: <https://sites.google.com/site/feldhell-club/>

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhell-club/Home/contests/sprints/low-down-sprint>

Classic Exchange, CW

13:00 UTC 21 January to 08:00 UTC 22 January and 13:00 UTC 23 January to 08:00 UTC 24 January

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: (none)

Exchange: Name, RST, state, province or country and rcvr/xmtr manuf/model

Work stations: Once per band per mode per rcr/xmtr
manuf/model

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = sum (total mode QSO
points x total mode mults) and Bonus Points

Submit logs by: 30 April 2018

E-mail logs to: k2rp@arri.net

Mail logs to: K2RP, 659 Shanas Lane, Encinitas, CA
92024, USA

Find rules at: <http://www.clas-sicexchange.org/jan18/jan18ann.html>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 22 January

Geographic Focus: Worldwide

Participation: Worldwide

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and mem-
ber no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3

points per QSO with member on same continent; 5

points per QSO with member on different continent

Multipliers: Each state, province, or country once;

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x to-
tal mults

Submit logs by: 28 January 2018

E-mail logs to: (none)

Upload log at: [http://grpcontest.com/pigrun/au-
tolog.php](http://grpcontest.com/pigrun/autolog.php)

Mail logs to: (none)

Find rules at: <http://grpcontest.com/pigrun/>

3Y0Z Bouvet DXpedition News (posted 9 January)

Your Invitation to Follow Us [edited]. The 3Y0Z team will be using a Garmin (formerly DeLorme) InReach SE satellite tracking device that will enable you to follow along with us and see our travel route on a near-real time map as we journey to the "Most Remote Place on Earth."

Hal, W8HC, will activate an InReach SE when he leaves his WV QTH on 9 January and will leave it "on" during the trip (while moving) until the team is on Bouvet Island.

This device uses Iridium satellite technology and is set to send a "way point" along the route every 30 minutes. These points will show up on our Bouvet "MapShare" website, as we travel to Chile and eastward on our vessel, the Betanzos on the 10 to 12-day journey across the South Atlantic and onto our ultimate destination — Bouvet Island.

If all is working properly, and the device has good visibility with the satellites, our MapShare viewers will be able to see our current position, including GPS coordinates and speed. You will be able to enjoy the full resolution capabilities with Topo and Aerial view options provided and can toggle-in and toggle-out of the web-site's detailed Google map. In addition to the MapShare, we will be using the InReach device to send messages along the way to provide updates and important information. These messages will show up on the MapShare route as small blue rectangular boxes, which viewers can click to read.

We will also have the option to post messages to our social media outlets — Facebook [www.face-
book.com/groups/639362206232014](https://www.facebook.com/groups/639362206232014) and Twitter https://twitter.com/Bouvet_3Y0Z. Please bookmark our Bou-
vet MapShare website <https://share.garmin.com/bouvet> or (on their Web page) click on the globe icon at the
left, above.

We cordially invite you to "journey" with the 3Y0Z Team... follow along with us on this incredible DXpe-
dition to Bouvet Island!

The 3Y0Z team will be active as 3G9A/mm during their voyage aboard the MV Betanzos from King George Island (South Shetlands) to Bouvet. QSL via N200.

Press Release #11, dated 13 January. Heavy sea ice east and north of King George Island has made navigation between King George Island and Bouvet slow and of increased risk. We will therefore depart from Punta Arenas and sail directly to Bouvet. This has necessitated changes to preparations. That process is underway and moving as fast as possible. Our sailing time to Bouvet is now estimated at 14 days. We estimate that our sailing date and date of starting the activity will move back 24 to 36 hours. Our date of closing down will be extended as neces-
sary to provide everyone with the best possible chance of working Bouvet. *(Or to provide Bouvet with the best chance of working everybody!)*

Bob, K4UEE, Erling, LA6VM and Ralph, K0IR

Next Week's Contests

Classic Exchange, CW 13:00 UTC 21 January to 08:00 UTC 22 January and 13:00 UTC 23 January to 08:00 UTC 24 January
SKCC Sprint, 00:00 - 02:00 UTC 24 January
NAQCC CW Sprint, 01:30 - 03:30 UTC 24 January
QRP Fox Hunt, 02:00 - 03:30 UTC 24 January
Phone Fray, 02:30 - 03:00 UTC 24 January
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 24 January and 03:00 - 04:00 UTC 25 January
NCCC RTTY Sprint, 01:45 - 02:15 UTC 26 January
QRP Fox Hunt 02:00 - 03:30 UTC 26 January
NCCC Sprint 02:30 - 03:00 UTC 26 January
CQ 160-Meter CW Contest, 22:00 UTC 26 January to 22:00 UTC 28 January
Montana QSO Party, 00:00 - 24:00 UTC 27 January
REF CW Contest, 06:00 UTC 27 January to 18:00 UTC 28 January
BARTG RTTY Sprint, 12:00 UTC 27 January to 12:00 UTC 28 January
UBA DX SSB Contest, 13:00 UTC 27 January to 13:00 UTC 28 January
Winter Field Day, 19:00 UTC 27 January to 19:00 UTC 28 January

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter

